

國立東華大學應用數學系
學生演講

主講人：蔡仔彥

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講題：Wavelet Expansions on Spaces of Homogeneous Type

時間：101年5月16日(星期三) 11:00-12:00

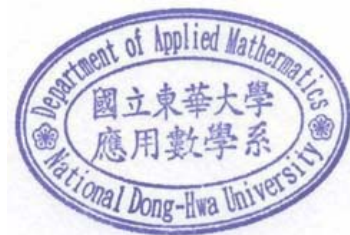
地點：理學院 B301

摘要

In this talk, we introduce Haar function, a quasi-metric, a spaces of homogeneous type, Calderón-Zygmund singular integral operator, test function, scaling function, a wavelet of type and strong weak boundedness property(SWBP).

Next, we define approximation to the identity with replacing the constant 2 by α , and obtain father and mother function.

Finally, we introduce dyadic cube in M. Christ's papers. According above, we obtain a discrete Calderón's reproducing formula and a wavelet expansion.



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